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the 1st of February and how long it would take to get out the Vol. If unsatisfactory "the Society have it in contemplation to apply to some other printer."

1785. *Jan'y* 7. (14 present.)

ELECTION.

President, B. Franklin.

V. P., Ewing, White, S. Vaughan.

Coun., J. Ingersoll, J. B. Smith, Jos. Reed, Revd R. Blackwell.

Secs., Hutchinson, D$^{r.}$ T. Bond, R. Patterson, Rev^{d} D$^{r.}$ S. Magaw.

Cur., E. Hazard, D$^{r.}$ S. Duffield, Gen. Lewis Nicola.

Treas., Fran. Hopkinson.

1785. *Jan'y* 22. (24 present.)

Mandrillon's *Le Spectateur Americaine* presented.

Election of *twenty-eight* new members (among them two Barons; James Maddison [*sic*] Esq. of Virginia; Muhlenberg, Michaelis, Priestley).

[A new handwriting appears in the minutes.]

1785. *Feb'y* 4. (15 present.)

Com. on Pub. ordered to report—Hazard added. Letter of Count Vergennes,—Certificates.

1785. *March* 4. (6 present.)

Bradford writes of his disappointment in not receiving his expected new types. He has no objection to their employing some one else. Committee ordered to immediately treat with M$^{r.}$ Hall, or some other suitable printer.

A model of a wind-carriage; a rock crystal; an exceedingly large tusk and grinders from near Ohio; presented by W. Henry of Lancaster. And a huge moose horn from Mrs. Pauli of Philadelphia.

M$^{r.}$ Hazard instructed to have certificate engraved.

1785. *March* 18. (9 present.)

Mr. Hazard being about to remove to New York, Mr. Hopkinson was substituted.

Treasurer ordered to tell Mr. Coombe's attorney that on payment of costs the suit against him would be dropped.

1785. *April* 1. (7 present.)

[The lot had been granted by the Assembly ;* for the first minute reads:—]

"Agreed, on motion, that a subscription be opened immediately to enable this Society with all the expedition practicable to erect a proper building in which they may hold their meetings and conduct their transactions, on the Lot granted by the General Assembly in the State House Yard." Patterson and Magaw to draw up the form. Vaughan and Magaw to solicit and procure subscriptions. Shippen, Sam. Powel, Hutchinson and S. Vaughan to procure stone and other necessary materials for laying the foundations. Adjourn to Tuesday next.

1785. *April* 5. (7 present.)

"As several considerations point out the expediency of building upon the ground lately granted by the General Assembly without much procrastination, it is therefore Agreed, that the committee last mentioned be empowered to begin and carry on that work as far as the sums of money to be subscribed and collected will enable them."

[This is all that is minuted for this meeting, but something more must have been done, for the minutes of the next meeting begin:—]

1785. *April* 15. (4 present.) [White, Vaughan, Patterson, Magaw.]

"The form of subscription paper directed at the last meeting . . . . to encourage the construction of a house

* The Act of Assembly is dated 28th March, 1785. ("Smith's Laws," Vol. 2.)

. . . . was read, and after receiving a few alterations adopted. The following is a copy of it :—"

"Inasmuch as useful Knowledge is always an object of first consideration amongst an enlightened and Free People ; and as the American Philosophical Society was instituted for the express purpose of cultivating such branches thereof, as have an immediate tendency to advance the Agriculture, Manufactures, and Commerce of this country ; as well as to pursue more deep and refined disquisitions in the field of nature ;—

—And whereas their proceedings and success have been, heretofore, and still are, greatly impeded, thro' want of a suitable place to meet in, and proper Repositories for the Books, Apparatus, and various Communications, Donations, etc.—to remedy which, the General Assembly of this Commonwealth have, by a special Act, granted and confirmed to the said Society, and their Successors, a very convenient Lot of Ground, being part of the State house Square, on the East side ;—Therefore, we the Subscribers, desirous, with all practicable expedition to enable a Committee which is appointed for the purpose, to construct a neat, sufficient Building on the ground aforesaid, do, hereby, promise to pay, within three months after the Date hereof, into the hands of the Treasurer of the American Philosophical Society, or to any person authorized by them to receive the same, the Sums annexed to the Subscription of our respective Names ———

Dated at Philadelphia, this Day of 1785.

A. B.

C. D. &c.

1785. *May* 6. (5 present.) [No minutes.]

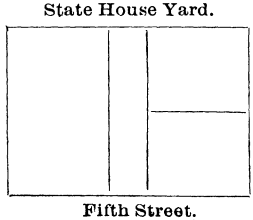
1785. *May* 20. (6 present.) [No minutes.]

1785. *June* 17. (12 present.)

Abbot offers to collect curiosities in Georgia.

P. Stewart sends in proposals to print Vol. 2.

Plan of the building presented by M^r. Vaughan for consideration was approved :* "Dimensions



Passage	12 feet by	47	
Hall or largest room on S. side	27	"	47
Room on the N. E. side .	27	"	23
Room on the N. W. side .	27	"	23
Height of the 1st floor .	14 feet.		
" " 2d floor .	10 "		
Cellars to be . . .	7 "	high.	
Vaults under them .	of equal height."		

* *Mem.* This diagram is not in the text, but has been drawn by the Librarian.

"*Resolved* that the Committee already appointed are authorized and impowered [*sic*] to begin this work immediately, or to defer it some time longer—as they may judge most expedient."

Treasurer directed to pay for writing 5 foreign certificates, "£5 ·· 8 ·· 4, Vellum included, 4 ·· 2 each."

Treasurer to pay Wm. Rediger [*sic*] for attendance and candles £3 ·· 15.

Publication Committee directed to "speedily apply to Mr. Rob. Aikin [?] of this city," and report the terms on which he is willing to undertake the work.

1785. *July* 15. (12 present.)

Muhlenberg sent his specimen of a *Flora Lancastriensis*, and floral *Calandarium*. Referred to Committee Natural History and Chemistry.

Three Vols. Royal French Academy and "a very curious Electrical Apparatus, presented through Mr. Marbois, by Dr. Noel of Paris; deposited with Rittenhouse; thanks ordered.

1785. *Sep.* 16. (9 present.)

Dr. M. de Mederer's letter from Friburg, on the Rhine, and short dissertation on preserving men and animals from hydrophobia, with facts and cases.

Committee of 3 to invite "the Honorable *Doctor Franklin* to take his seat as *President* of this Society; and that they prepare an *address* to him in that Character, at their next meeting, if it may be convenient for him to be present." Special meeting next Friday evening at 6 o 'clock.

1785. *Sep.* 27, Tuesday; Special occasion. (Franklin and 18 other members present.)

The following address to Franklin presented:

Sir: It is with peculiar Pleasure, that the American Philosophical Society address you on this occasion.

The high consideration and Esteem in which we hold your character, so intimately combined with our Regard for the Public Welfare, that we

participate eminently in the general Satisfaction which your Return to America produces. We bid you Welcome to your native Country, for which you have done the most essential Services.

And we welcome you to this Chair; your occupying of which, as President, adds to our Institution much Lustre in the eyes of all the World.

Sir, it reflects Honour on Philosophy, when one, distinguished for his deep Investigation and many valuable Improvements in it, is known to be equally distinguished for his Philanthropy, Patriotism, and liberal attachment to the Rights of human Nature.

We know the favorable influence that Freedom has upon the growth of useful Sciences and Arts. We derive Encouragement and extraordinary Felicity from an assemblage of recent memorable Events.

And while we boast in a most pleasing Equality permanently ascertained; and that Independence which you had so great a share in establishing; we have every reason to expect that this Society will proceed with an increasing Success, to manage the great Purposes for which they originally associated."

To which the President answered:

"GENTLEMEN: The great Honour done me by this Society, in choosing "me so many years successively their President, notwithstanding my Ab- "sence in Europe; and the very kind Welcome they are pleased to give "me on my Return, demand my most grateful Acknowledgments; which "I beg they would be pleased to accept, with my warmest wishes of Suc- "cess to their laudable Endeavours for the Promoting of Useful Knowl- "edge among us; to which I shall be happy, if I can in any Degree con "tribute."

Hopkinson exhibited East India scrip on cocoanut strips.

"The Model, with a drawing and description of a Machine for working a boat against the stream by means of a steam engine, was laid before the Society by Mr. John Fitch."

Botanical prints and descriptions presented by C. L'Heritier.

1785. *Oct.* 7. (4 present.)

Two ærial voyages by Jeffries and Blanchard; paper by Dr. Jeffries of London. (Reading deferred.)

1785. *Oct.* 21. (6 present.)

Hopkinson read "a full & particular Dissertation, written by Dr. Franklin, upon the various defects in the construc-

tion of chimneys . . . . pointing out the remedies . . . . with occasional illustrations."

1785. *Nov.* 4. (11 present.)

Jeffries' paper read (see Oct. 7).

Vaughan and Rittenhouse appointed Committee "to employ proper persons to shoar [*sic*] the Cellar Wall of the Society's intended Building in the State House Yard . . . . against the impression of the winter's frost."

Same committee ordered to consider and inquire "in regard to Supplement (now suggested as necessary to be petitioned for) to the Law lately passed by the General Assembly granting . . . . a lot . . . ."

Rittenhouse's letter to Dr. Ewing describing "a new invention for fixing a Meridian Mark to an observatory," and "cross hairs in the telescope."

Publication Committee ordered to "immediately consider Mr. Aitken's late proposals & agree with him if they judge proper, or with whatever person will execute the work handsomely & in season."

"500 copies is the number to be printed."

Rediger's bill for candles. 1 cord of wood and a half year's attendance, £4 · 15 · 1, ordered paid.

1785. *Nov.* 10. *Special Meeting.* (6 persons.)

"750 copies shall be the number" (not 500).

Vaughan's petition read and ordered to be "fairly transcribed immediately," and signed by the Committee on the first petition for the lot, for presentation to the Hon. House.

1785. *Nov.* 18. (3 present.)

Copy of Vol. I Trans. ordered to be sent to Franklin.

Robert's account "for proping [*sic*] the State house Wall [*sic*] and securing it against the influence of the frost, on one side of the Society's cellar, ordered to be paid; said account including plank and scantling amounting to £3 · 16 · 6."

[This must refer to the wall running around the State House yard, a jog in which must have been made to let in the Society's building.]

1785. *Dec.* 2. (12 present.)

Treasurer's account committed.

Rittenhouse reports presents of pamphlets.

"Ordered that the custom be revived of delivering an annual Oration . . . . and that Dr. Rush . . . . pronounce the next, as early in the year as may be convenient for him." Dr. Rush came in and accepted.

Magellan's letter announcing the transmission of books "arranged under 13 articles." "In the . . . . letter . . . . were contained Proposals for making a Donation to the Society of 200 guineas, to be appropriated as a perpetual Fund; the interest of which to be annually given, in a medal of gold, as a Premium to the author of the best Discovery, or most useful Improvements relating to Navigation or Natural Philosophy." Franklin and Hopkinson were requested to act as a committee to consider the proposal; acceptance and thanks voted.

Franklin's Dissertation, "containing a great number of curious and useful observations & discoveries relative to Voyages and Maritime affairs," read; and copies of this, and that on chimneys requested for publication.

Certificate on vellum for Magellan ordered.

Secretaries ordered to publish a list of communications.

Aitken's proposals to print Vol. 2 agreed to, 750 being substituted for 1000 copies.

Copies of Fitch's drawing and description of a machine for rowing a boat against the current presented.

1785. *Dec.* 16. (10 present.)

Von Burgdorf's* letter and dissertation "on the Comparative relation [*sic*] of the Vegetation of different plants," presented by Wynkoop.

* Of Berlin.

Dr. Rush's dissertation on the cause of the increase of bilious and intermittent fevers in Pennsylvania, was read by himself.

Treasurer's account audited.

Rittenhouse's letter to Franklin . . . . "Changes which the globe of the earth in some parts hath undergone, most probably by the falling of . . . ." [left blank]. "The observations are principally confined to the Western district of Pennsylvania."

Admission and annual fees fixed [in blank], and law to be passed on next annual election day.

Forty copies of Humphrey Marshall's Catalogue of American Forest trees and shrubs ordered.

Charles Peale's portrait of Franklin, "copied from a much admired painting of Martin," presented by letter. Thanks returned, and Mr. Peale requested to keep the portrait "till the Society shall have a convenient place for its reception."

1786. *Jan'y* 5. (20 present.)

Franklin elected *President.*

V. Ps., Ewing, White, S. Vaughan.

Coun., Rittenhouse, Rush, Dr. Jones, Dr. Kuhn (in place of Hon. Mr. Jos. Reed, deceased), Revd Dr. G. Duffield.

Treas., Hon. Fra. Hopkinson.

Secs., Jas. Hutchinson, S. Magaw, R. Patterson, J. Foulke.

Curators, S. Duffield, B. Binney, W. Bradford.

Hopkinson presented draught of Law for augmenting the Annual Contribution of Members and the Deposit Money of New Members; read, debated, amended and passed, as follows:

A law to increase the annual subscription of the members of the American Philosophical Society, held at Philadelphia, for promoting useful knowledge, and also to increase the deposits of newly-elected members on their admission into the Society.

WHEREAS the customary annual payment of *Ten Shillings* from each member of the American Philosophical Society, and also the customary deposite of *Ten Shillings* by each newly elected member on his admission